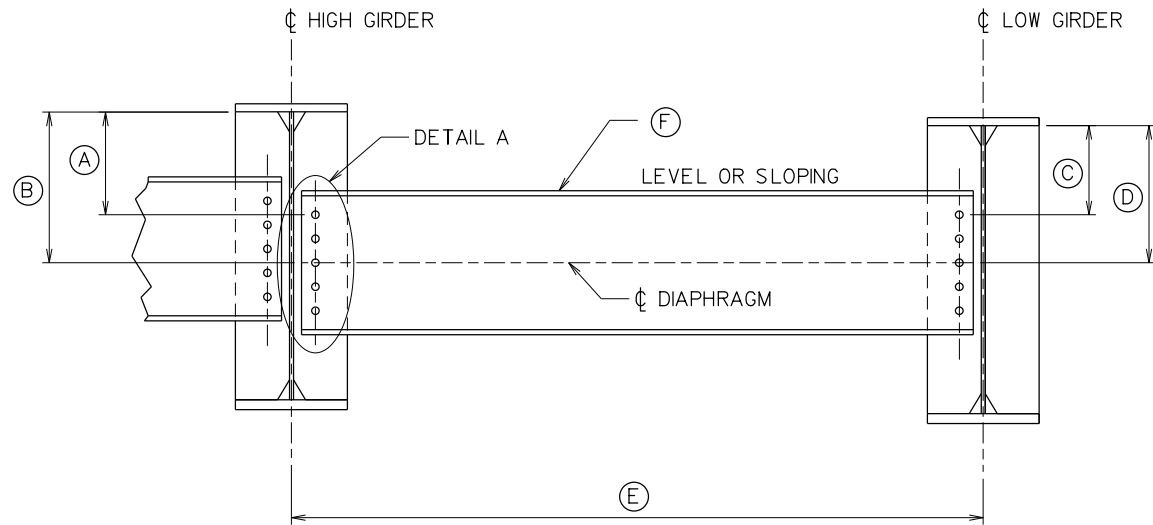
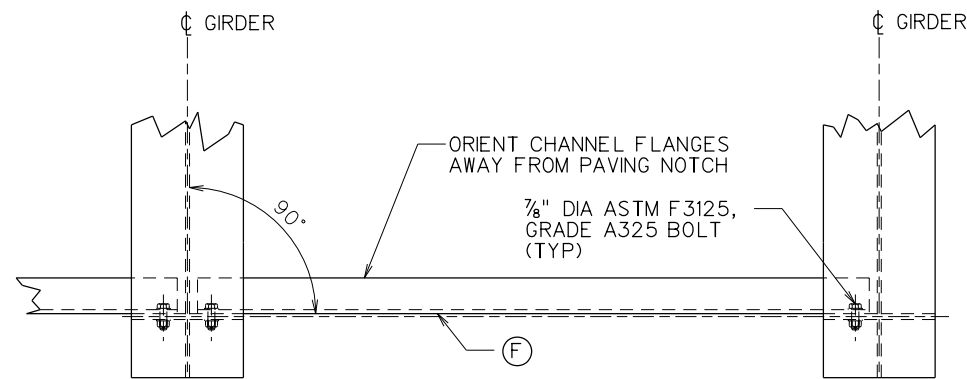


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2-FEB-2022 14:55



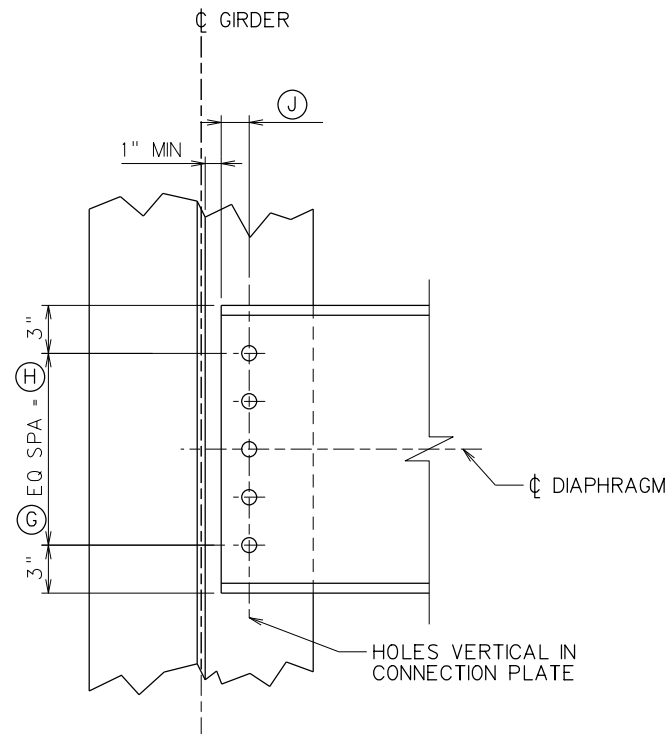
ABUTMENT DIAPHRAGM ELEVATION



ABUTMENT DIAPHRAGM PLAN

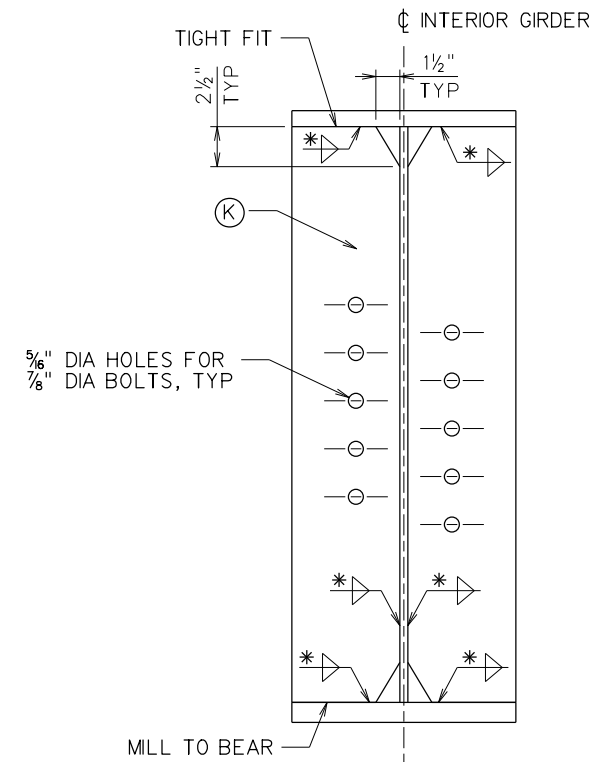
* WELD SIZES	
PLATE THICKNESS	WELD SIZE
$< \frac{3}{4}$ "	$\frac{1}{4}$ "
$\geq \frac{3}{4}$ "	$\frac{5}{16}$ "

NOTE: SEE FRAMING PLAN
FOR GIRDER DIMENSIONS

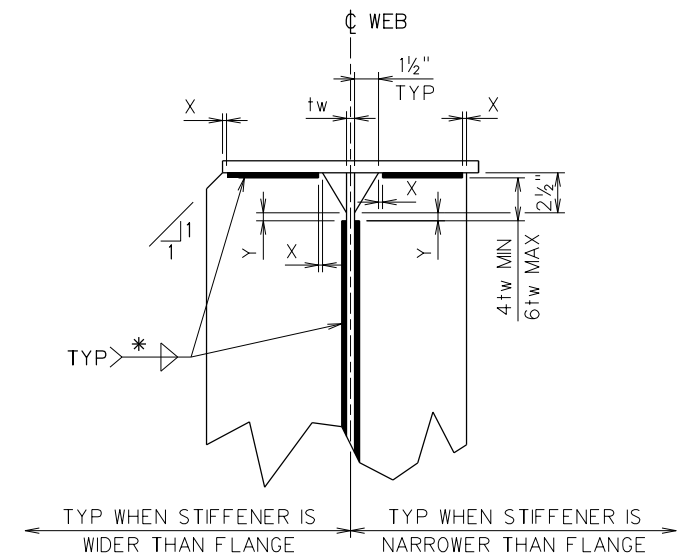


DETAIL A

CONTROL DIMENSIONS		
CODE	DESCRIPTION	DIMENSION
A	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
B	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
C	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
D	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
E	CENTER TO CENTER GIRDER SPACING	_____
F	DIAPHRAGM-C CHANNEL SIZE	_____
G	NUMBER OF BOLT SPACES	_____
H	DISTANCE OF TOTAL BOLT SPACING	_____
J	MINIMUM BOLT CLEARANCE FROM END	_____
K	PLATE SIZE WxHxt	_____



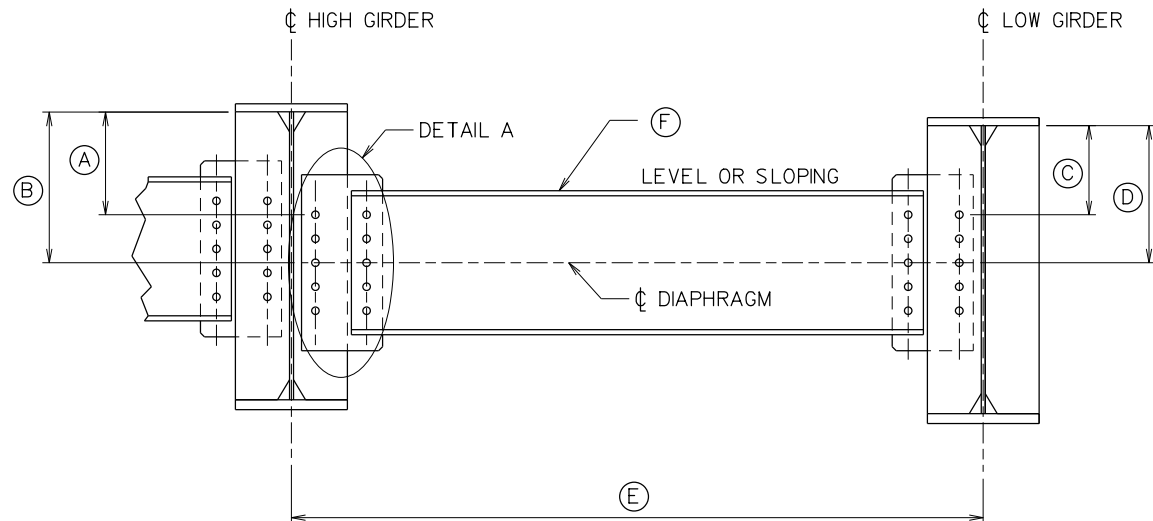
BEARING STIFFENER
LOOKING AHEAD STATION



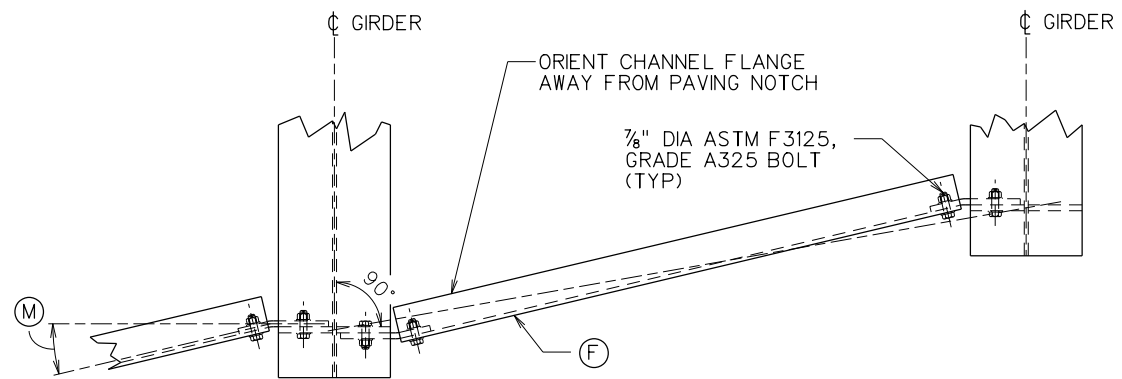
WELDING DETAIL AT END
OF STIFFENER OR
CONNECTION PLATE

NOT TO SCALE

				WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	DESIGNED	DATE	CHECKED	DATE		STANDARD BRIDGE PLANS ABUTMENT DIAPHRAGM C CHANNEL NO SKEW SHEET NUMBER 1100D11A
					DRAWN	DATE	REVIEWED	DATE		
NO.	REVISION	DATE	BY							



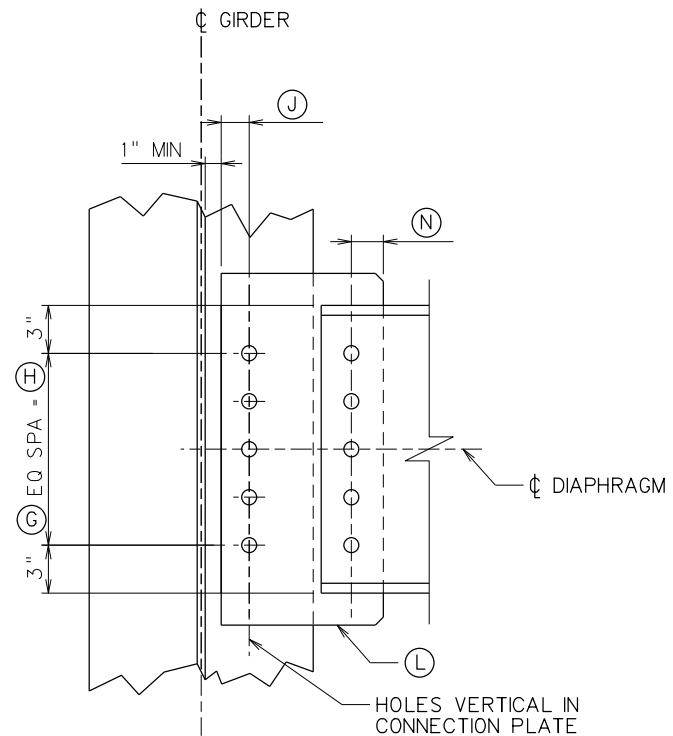
ABUTMENT DIAPHRAGM ELEVATION



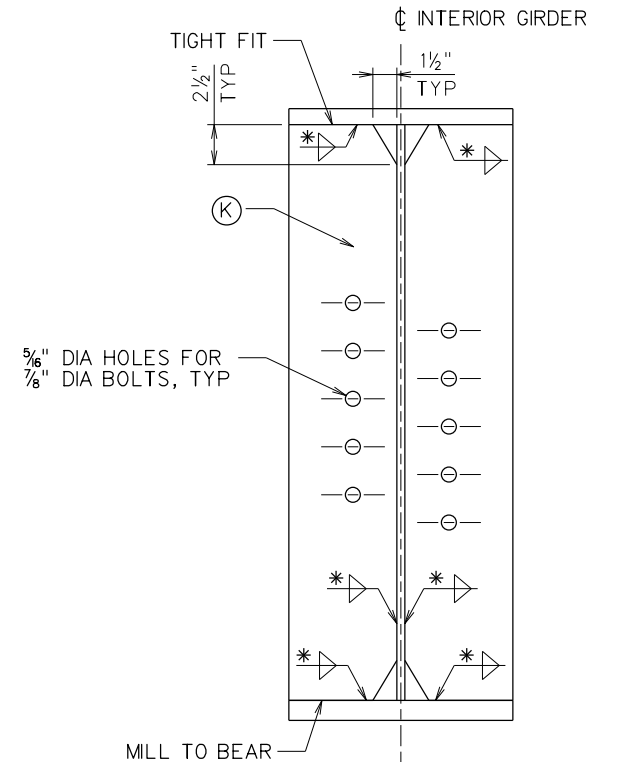
ABUTMENT DIAPHRAGM PLAN

* WELD SIZES	
PLATE THICKNESS	WELD SIZE
$< \frac{3}{4}''$	$\frac{1}{4}''$
$\geq \frac{3}{4}''$	$\frac{5}{16}''$

NOTE: SEE FRAMING PLAN FOR GIRDER
DIMENSIONS AND SKEW ANGLES



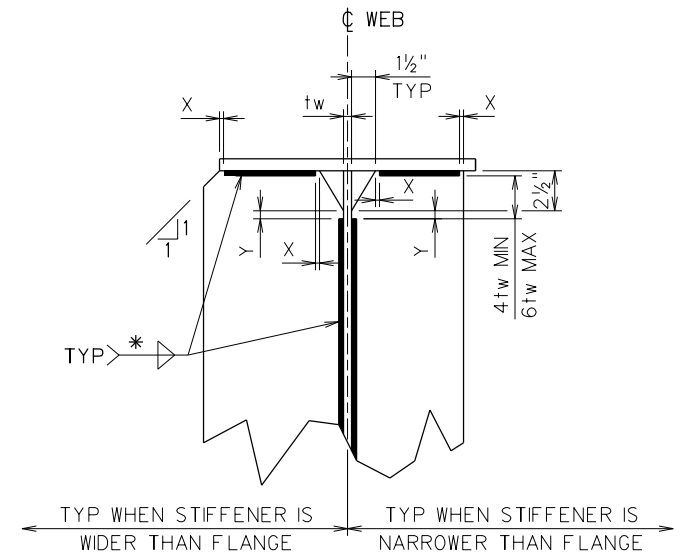
DETAIL A



BEARING STIFFENER

LOOKING AHEAD STATION

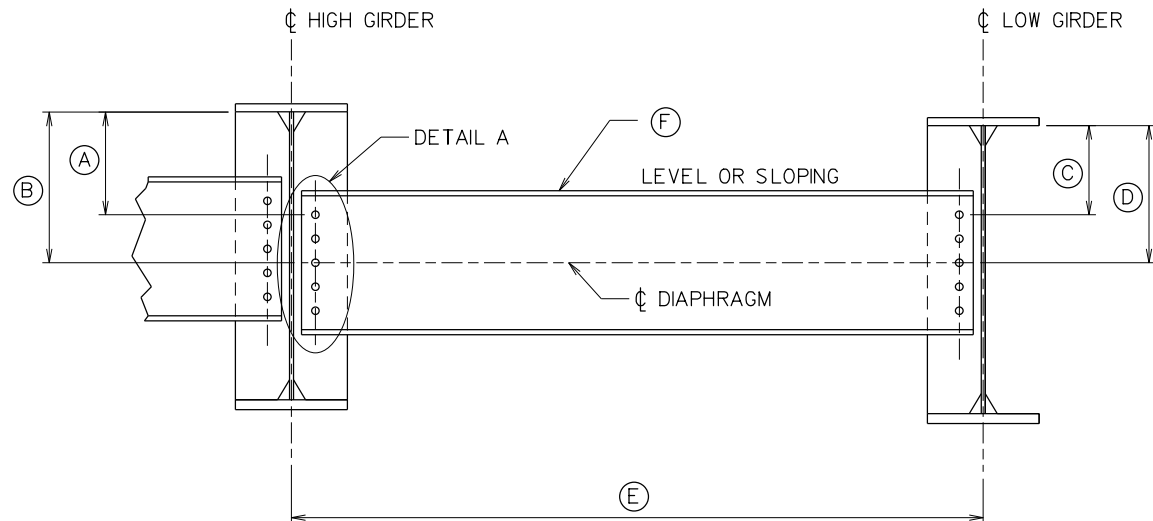
CONTROL DIMENSIONS		
CODE	DESCRIPTION	DIMENSION
A	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
B	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
C	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
D	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
E	CENTER TO CENTER GIRDER SPACING	_____
F	DIAPHRAGM-C CHANNEL SIZE	_____
G	NUMBER OF BOLT SPACES	_____
H	DISTANCE OF TOTAL BOLT SPACING	_____
J	MINIMUM BOLT CLEARANCE FROM END	_____
K	PLATE SIZE WxHx†	_____
L	BENT PLATE SIZE WxHx†	_____
M	ANGLE OF BEND ON CONNECTION PLATE	_____
N	TO CENTER OF HOLE FOR BENT PLATE	_____



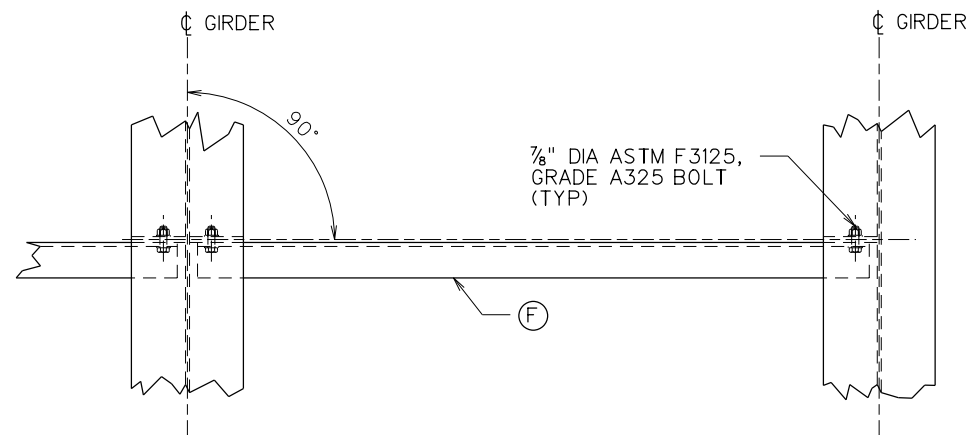
**WELDING DETAIL AT END
OF STIFFENER OR
CONNECTION PLATE**

NOT TO SCALE

				WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	DESIGNED	DATE	CHECKED	DATE		STANDARD BRIDGE PLANS ABUTMENT DIAPHRAGM C CHANNEL SKEWED SHEET NUMBER 1100D12A
					DRAWN	DATE	REVIEWED	DATE		
NO.	REVISION	DATE	BY							



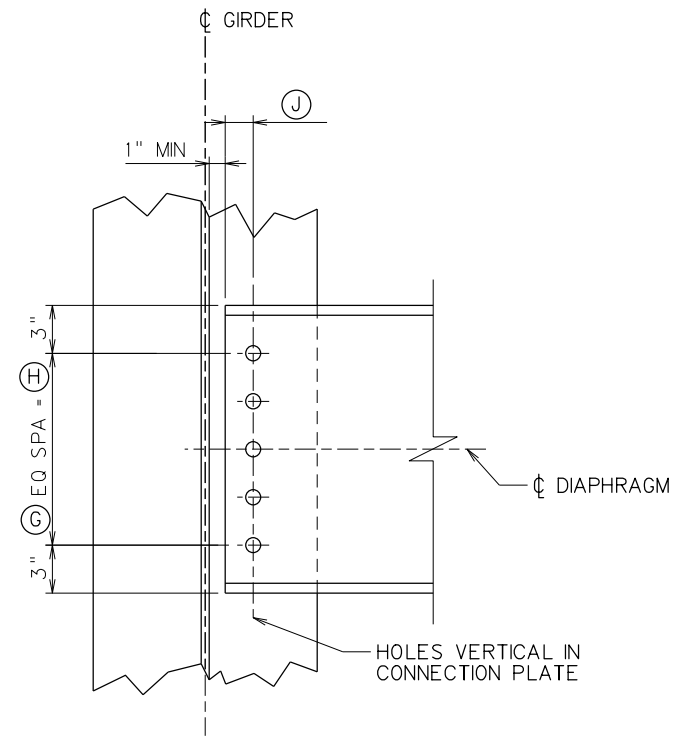
INTERMEDIATE DIAPHRAGM ELEVATION



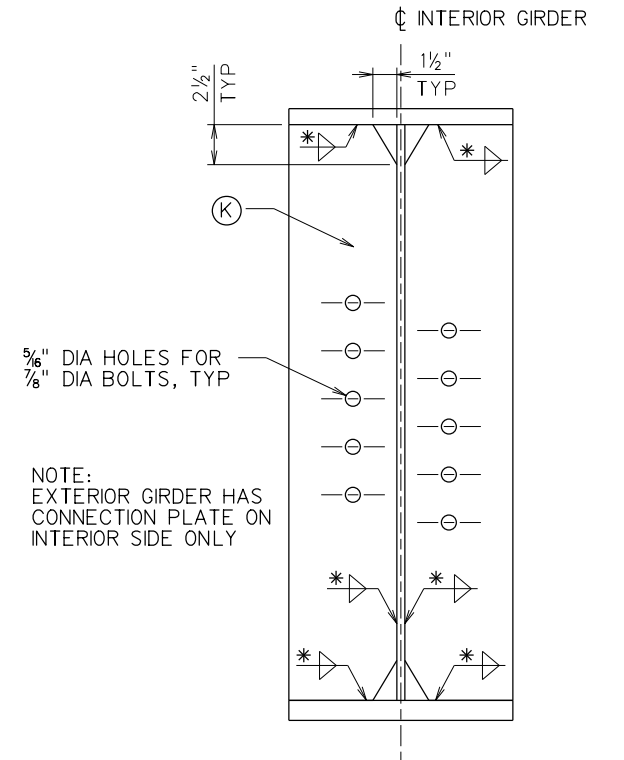
INTERMEDIATE DIAPHRAGM PLAN

* WELD SIZES	
PLATE THICKNESS	WELD SIZE
$< \frac{3}{4}''$	$\frac{1}{4}''$
$\geq \frac{3}{4}''$	$\frac{5}{16}''$

NOTE: SEE FRAMING PLAN
FOR GIRDER DIMENSIONS



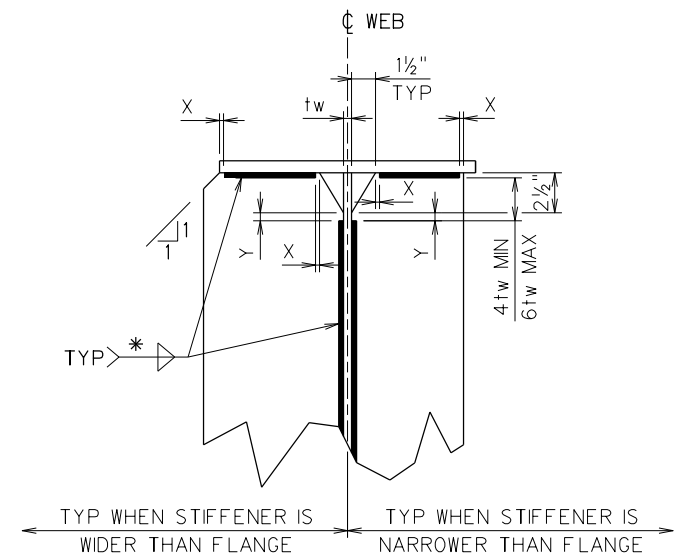
DETAIL A



CONNECTION PLATE

LOOKING AHEAD STATION

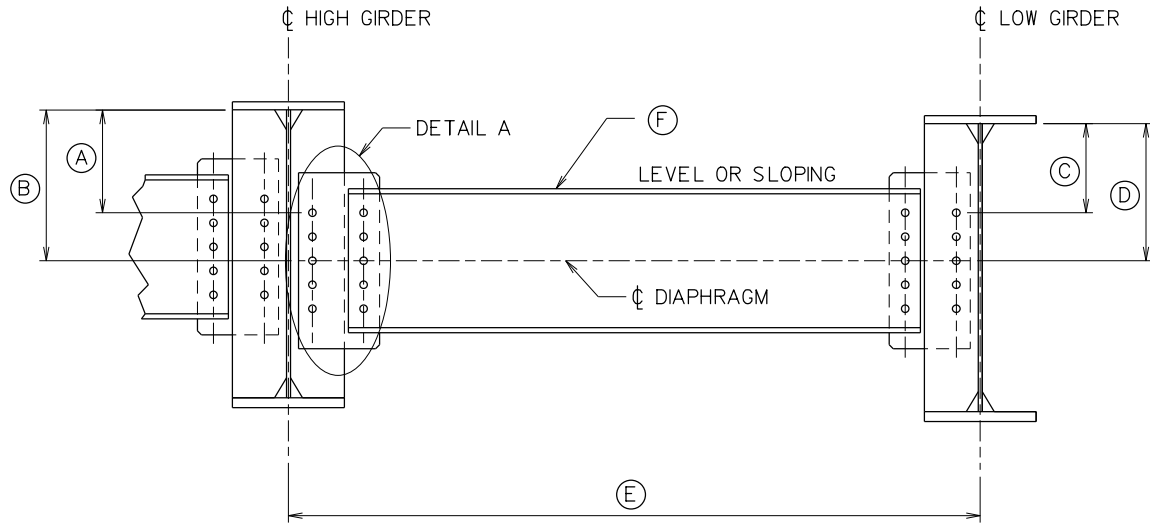
CONTROL DIMENSIONS		
CODE	DESCRIPTION	DIMENSION
A	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
B	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
C	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
D	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
E	CENTER TO CENTER GIRDER SPACING	=====
F	DIAPHRAGM-C CHANNEL SIZE	=====
G	NUMBER OF BOLT SPACES	=====
H	DISTANCE OF TOTAL BOLT SPACING	=====
J	MINIMUM BOLT CLEARANCE FROM END	=====
K	PLATE SIZE WxHx t	=====



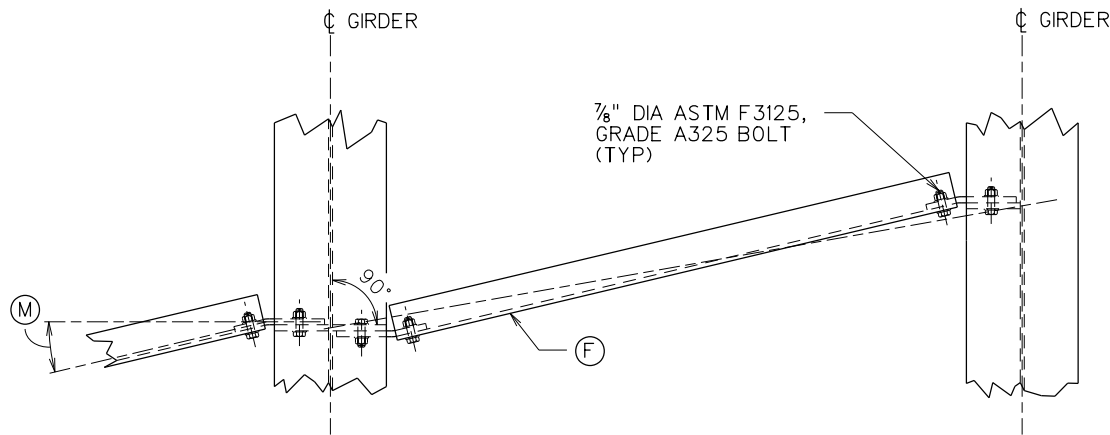
**WELDING DETAIL AT END
OF STIFFENER OR
CONNECTION PLATE**

NOT TO SCALE

				WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	DESIGNED	DATE	CHECKED	DATE		STANDARD BRIDGE PLANS INTERMEDIATE DIAPHRAGM C CHANNEL SHEET NUMBER 1100DI4
					____	____	____	____		
					DRAWN	DATE	REVIEWED	DATE		
NO.	REVISION	DATE	BY		____	____	____	____		



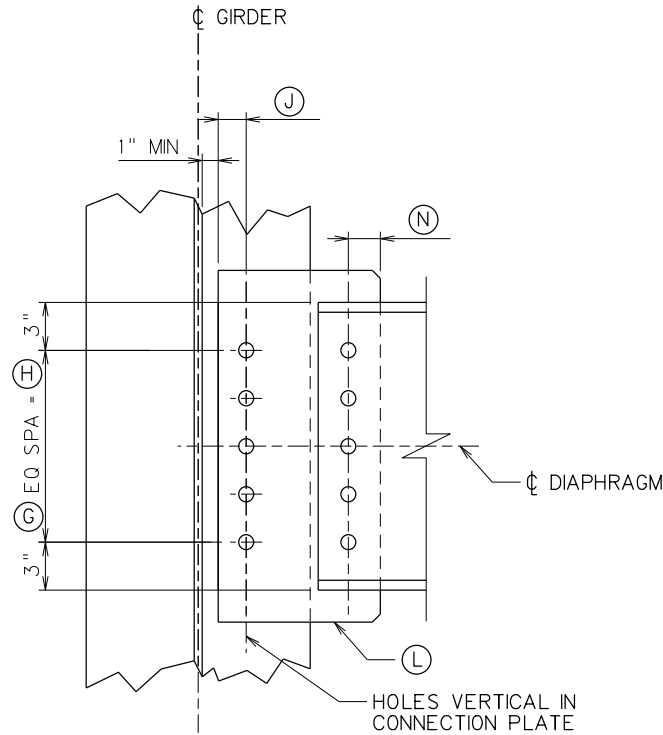
INTERMEDIATE DIAPHRAGM ELEVATION



INTERMEDIATE DIAPHRAGM PLAN

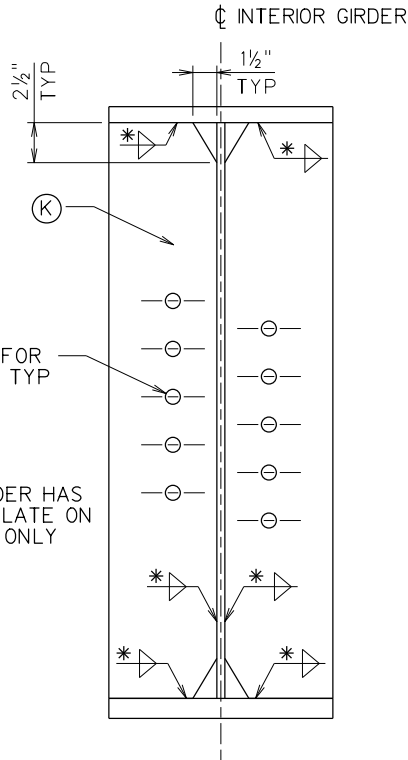
* WELD SIZES	
PLATE THICKNESS	WELD SIZE
< 3/4"	1/4"
≥ 3/4"	5/16"

NOTE: SEE FRAMING PLAN FOR GIRDER
DIMENSIONS AND SKEW ANGLES

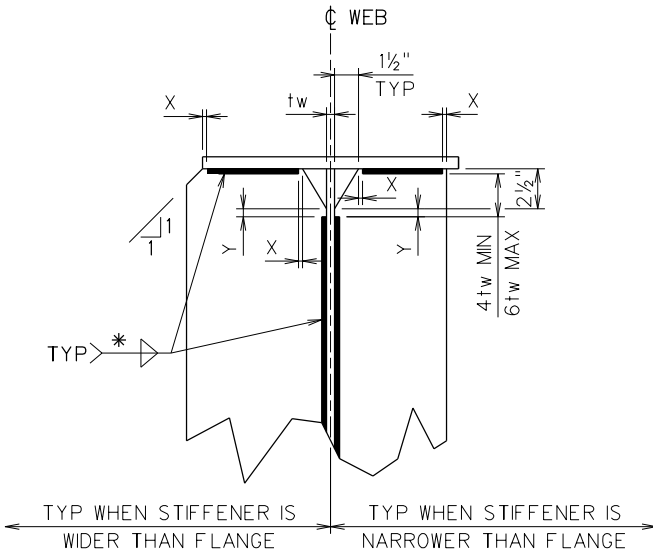


DETAIL A

CONTROL DIMENSIONS		
CODE	DESCRIPTION	DIMENSION
A	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
B	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
C	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT	_____
D	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER LINE OF DIAPHRAGM	_____
E	CENTER TO CENTER GIRDER SPACING	_____
F	DIAPHRAGM-C CHANNEL SIZE	_____
G	NUMBER OF BOLT SPACES	_____
H	DISTANCE OF TOTAL BOLT SPACING	_____
J	MINIMUM BOLT CLEARANCE FROM END	_____
K	PLATE SIZE WxHxt	_____
L	BENT PLATE SIZE WxHxt	_____
M	ANGLE OF BEND ON CONNECTION PLATE	_____
N	TO CENTER OF HOLE FOR BENT PLATE	_____



CONNECTION PLATE
LOOKING AHEAD STATION



WELDING DETAIL AT END
OF STIFFENER OR
CONNECTION PLATE

NOT TO SCALE

				WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS				DESIGNED _____ DATE _____ CHECKED _____ DATE _____		DRAWN _____ DATE _____ REVIEWED _____ DATE _____		STANDARD BRIDGE PLANS INTERMEDIATE DIAPHRAGM C CHANNEL SKEWED SHEET NUMBER 1100D14A	
NO.	REVISION	DATE	BY										